L Number	Hits	Search Text	DB	Time stamp
1	18220	((light adj emit\$4 adj diode) or led) adj2 display	USPAT;	2003/03/12 07:54
			US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
2	352	(((light adj emit\$4 adj diode) or led) adj2 display) and (voltage adj2	IBM_TDB USPAT;	2003/03/12 09:09
2	332	(((light adj chilis4 adj diode) of fed) adj2 display) and (voltage adj2 (source or supply)) and (current adj source)	US-PGPUB;	2003/03/12 09.09
		(Source of suppry)) and (current adj source)	EPO; JPO;	
	!		DERWENT;	
			IBM_TDB	
3	206	(((((light adj emit\$4 adj diode) or led) adj2 display) and (voltage adj2	USPĀT;	2003/03/12 07:20
		(source or supply)) and (current adj source)) and discharg\$3	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
4	0	((((((light adj emit\$4 adj diode) or led) adj2 display) and (voltage adj2	USPAT;	2003/03/12 07:21
		(source or supply)) and (current adj source)) and discharg\$3) and ((error or erroneous) near3 lighting)	US-PGPUB;	
		of effoncous) fical 3 fighting)	EPO; JPO; DERWENT;	
[ :			IBM TDB	
5	0	((((((light adj emit\$4 adj diode) or led) adj2 display) and (voltage adj2	USPAT;	2003/03/12 07:22
	J	(source or supply)) and (current adj source)) and discharg\$3) and ((error	US-PGPUB;	2003/03/12 07:22
		or erroneous) near3 activation)	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
6	128	((((((light adj emit\$4 adj diode) or led) adj2 display) and (voltage adj2	USPAT;	2003/03/12 07:23
		(source or supply)) and (current adj source)) and discharg\$3) and (error	US-PGPUB;	·
		or erroneous)	EPO; JPO;	
			DERWENT;	
7	18	(((((((light adj emit\$4 adj diode) or led) adj2 display) and (voltage adj2	IBM_TDB	2002/02/12 07:20
'	10	(((((tight adj enitts4 adj diode) of fed) adj2 display) and (voltage adj2 (source or supply)) and (current adj source)) and discharg\$3) and (error	USPAT; US-PGPUB;	2003/03/12 07:29
		or erroneous)) and (matrix adj2 display)	EPO; JPO;	
		or orrowood), and (man in adja display)	DERWENT;	
			IBM TDB	
8	110	((((((light adj emit\$4 adj diode) or led) adj2 display) and (voltage adj2	USPĀT;	2003/03/12 07:26
		(source or supply)) and (current adj source)) and discharg\$3) and (error	US-PGPUB;	
		or erroneous)) not (((((((light adj emit\$4 adj diode) or led) adj2 display)	EPO; JPO;	
		and (voltage adj2 (source or supply)) and (current adj source)) and	DERWENT;	
	20	discharg\$3) and (error or erroneous)) and (matrix adj2 display))	IBM_TDB	2002/02/12 07 22
9	29	(((((light adj emit\$4 adj diode) or led) adj2 display) and (voltage adj2 (source or supply)) and (current adj source)) and discharg\$3) and (matrix	USPAT;	2003/03/12 07:32
		adj2 display)	US-PGPUB; EPO; JPO;	
		and and high	DERWENT;	
			IBM TDB	
10	11	(((((((light adj emit\$4 adj diode) or led) adj2 display) and (voltage adj2	USPAT;	2003/03/12 07:32
		(source or supply)) and (current adj source)) and discharg\$3) and (matrix	US-PGPUB;	
		adj2 display)) not (((((((light adj emit\$4 adj diode) or led) adj2 display)	EPO; JPO;	
		and (voltage adj2 (source or supply)) and (current adj source)) and	DERWENT;	
		discharg\$3) and (error or erroneous)) and (matrix adj2 display))	IBM_TDB	
11	43	(((((light adj emit\$4 adj diode) or led) adj2 display) and (voltage adj2	USPAT;	2003/03/12 07:42
		(source or supply)) and (current adj source)) and (matrix adj2 display)	US-PGPUB;	
			EPO; JPO;	
			DERWENT; IBM_TDB	
12	14	((((((light adj emit\$4 adj diode) or led) adj2 display) and (voltage adj2	USPAT;	2003/03/12 07:39
		((((light adj chins) and (current adj source)) and (matrix adj2 display))	US-PGPUB;	2003/03/12/07.37
		not (((((((light adj emit\$4 adj diode) or led) adj2 display) and (voltage	EPO; JPO;	
		adj2 (source or supply)) and (current adj source)) and discharg\$3) and	DERWENT;	
		(matrix adj2 display))	IBM_TDB	

14	25	((((((light adj emit\$4 adj diode) or led) adj2 display) and (voltage adj2 (source or supply)) and (current adj source)) and (matrix adj2 display)) and buffer	USPAT; US-PGPUB; EPO; JPO; DERWENT;	2003/03/12 07:42
			IBM TDB	
15	160	((((light adj emit\$4 adj diode) or led) adj2 display) and (voltage adj2	USPAT;	2003/03/12 07:42
"	1	((((light day of the value of t	US-PGPUB;	2003/03/12 07:42
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
16	76	(((((light adj emit\$4 adj diode) or led) adj2 display) and (voltage adj2	USPAT;	2003/03/12 07:42
		(source or supply)) and (current adj source)) and buffer) and matrix	US-PGPUB;	
	İ		EPO; JPO; DERWENT;	
			IBM_TDB	
17	18914	((light adj emit\$4 adj diode) or led) and display and matrix	USPAT;	2003/03/12 09:06
			US-PGPUB;	
			EPO; JPO;	
ŀ			DERWENT;	
18	392	(((light adi amit\$4 adi diada) an lad) and diantage at a section and diantage at a section and diamage.	IBM_TDB	2002/02/12 00 05
10	392	(((light adj emit\$4 adj diode) or led) and display and matrix) and (voltage adj2 (source or supply)) and (current adj source)	USPAT; US-PGPUB;	2003/03/12 08:05
		adj2 (source or suppry)) and (current adj source)	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
19	335	((((light adj emit\$4 adj diode) or led) and display and matrix) and	USPAT;	2003/03/12 08:08
		(voltage adj2 (source or supply)) and (current adj source)) and switch	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
20	79	((((((light adj emit\$4 adj diode) or led) and display and matrix) and	IBM_TDB USPAT;	2003/03/12 08:30
		(voltage adj2 (source or supply)) and (current adj source)) and switch)	US-PGPUB;	2003/03/12 00:30
		and ((scan or scanning or row) adj2 (line or electrode)) and ((column or	EPO; JPO;	
		data or signal or address) adj2 (line or electrode))	DERWENT;	
22			IBM_TDB	
23	0	(masashi near nogawa) and ((light adj emit\$4 adj diode) or led)	USPAT; US-PGPUB;	2003/03/12 09:06
			EPO; JPO;	
			DERWENT;	
			IBM_TDB	
22	21	masashi near nogawa	USPAT;	2003/03/12 09:07
			US-PGPUB;	
			EPO; JPO;	
			DERWENT; IBM TDB	
24	433	((texas adj instruments).asn.) and (light adj emit\$4 adj diode)	USPAT;	2003/03/12 09:09
		( g and ) and ( g and )	US-PGPUB;	2000/05/12 09:09
			EPO; JPO;	
			DERWENT;	
25	16	(((toyog adi instruments) con ) and (li-li+ - 1;: +0.4 - 1; -1; -1)	IBM_TDB	2002/02/12 02 11
23	10	(((texas adj instruments).asn.) and (light adj emit\$4 adj diode) ) and (voltage adj2 (source or supply)) and (current adj source)	USPAT; US-PGPUB;	2003/03/12 09:11
		(voltage adj2 (source of supply)) and (current adj source)	EPO; JPO;	
			DERWENT;	
			IBM_TDB	
•	1203	(345/55,76,82,84.ccls.) or (368/83.ccls.)	USPAT;	2002/09/19 17:46
	275	((245/55 76 92 94 pala) an (269/92 pala)) and (links all annions at	US-PGPUB	2002/00/22 00 42
-	375	((345/55,76,82,84.ccls.) or (368/83.ccls.)) and (light adj emit\$4 adj diode)	USPAT;	2002/09/22 09:42
<u>-</u>	28	(((345/55,76,82,84.ccls.) or (368/83.ccls.)) and (light adj emit\$4 adj	US-PGPUB USPAT;	2003/03/11 16:56
		diode)) and (dot adj matrix)	US-PGPUB	2003/03/11 10.30
-	22	(((345/55,76,82,84.ccls.) or (368/83.ccls.)) and (light adj emit\$4 adj	USPAT;	2002/09/19 18:20
		diode)) and redundan\$2	US-PGPUB	
<del>-</del>	37	(((345/55,76,82,84.ccls.) or (368/83.ccls.)) and (light adj emit\$4 adj	USPAT;	2002/09/19 18:08
	L	diode)) and rectif\$4	US-PGPUB	

-	353931	(light adj emit\$4 adj diode) or led	USPAT; US-PGPUB;	2002/09/19 18:19
			EPO; JPO; DERWENT; IBM_TDB	
-	2034	((light adj emit\$4 adj diode) or led) and (dot adj matrix) and display	USPAT; US-PGPUB; EPO; JPO; DERWENT;	2002/09/19 18:50
-	180	(((light adj emit\$4 adj diode) or led) and (dot adj matrix) and display) and redundan\$2	IBM_TDB USPAT; US-PGPUB;	2002/09/19 18:20
	176	(((((light adj emit\$4 adj diode) or led) and (dot adj matrix) and display)	EPO; JPO; DERWENT; IBM_TDB USPAT;	2002/09/19 18:22
	170	and redundan\$2) not (((((345/55,76,82,84.ccls.) or (368/83.ccls.)) and (light adj emit\$4 adj diode)) and redundan\$2) or (((((345/55,76,82,84.ccls.) or (368/83.ccls.)) and (light adj emit\$4 adj	US-PGPUB; EPO; JPO; DERWENT;	2002/09/19 18:22
-	37	diode)) and rectif\$4))  (((((light adj emit\$4 adj diode) or led) and (dot adj matrix) and display) and redundan\$2) not (((((345/55,76,82,84.ccls.) or (368/83.ccls.)) and (light adj emit\$4 adj diode)) and redundan\$2) or ((((345/55,76,82,84.ccls.) or (368/83.ccls.)) and (light adj emit\$4 adj	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2002/09/19 18:28
-	139	diode)) and rectif\$4))) and (display adj device)  (((((light adj emit\$4 adj diode) or led) and (dot adj matrix) and display) and redundan\$2) not (((((345/55,76,82,84.ccls.) or (368/83.ccls.)) and (light adj emit\$4 adj diode)) and redundan\$2) or ((((345/55,76,82,84.ccls.) or (368/83.ccls.)) and (light adj emit\$4 adj	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2002/09/19 18:30
		diode)) and rectif\$4))) not ((((((light adj emit\$4 adj diode) or led) and (dot adj matrix) and display) and redundan\$2) not (((((345/55,76,82,84.ccls.) or (368/83.ccls.)) and (light adj emit\$4 adj diode)) and redundan\$2) or ((((345/55,76,82,84.ccls.) or (368/83.ccls.)) and (light adj emit\$4 adj diode)) and rectif\$4))) and (display adj device))	IBM_TDB	
-	130	((((light adj emit\$4 adj diode) or led) and (dot adj matrix) and display) and redundan\$2) and (driver or (driving adj circuit\$2))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM TDB	2002/09/19 18:36
-	16	((((((light adj emit\$4 adj diode) or led) and (dot adj matrix) and display) and redundan\$2) and (driver or (driving adj circuit\$2))) and electrode	USPAT; US-PGPUB; EPO; JPO; DERWENT;	2002/09/19 18:36
-	408	((((light adj emit\$4 adj diode) or led) and (dot adj matrix) and display) and electrode	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2002/09/22 09:01
-	223	(((((light adj emit\$4 adj diode) or led) and (dot adj matrix) and display) and electrode) and (driver or (driving adj circuit\$2))	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2002/09/19 18:55
-	42	((((((light adj emit\$4 adj diode) or led) and (dot adj matrix) and display) and electrode) and (driver or (driving adj circuit\$2))) and anode and cathode	IBM_TDB USPAT; US-PGPUB; EPO; JPO; DERWENT;	2002/09/19 18:51
-	3112	(dot adj matrix) adj3 display	IBM_TDB USPAT; US-PGPUB; EPO; JPO;	2002/09/19 18:55
			DERWENT; IBM_TDB	

- 160 ((dot adj matrix) adj3 display) and anode and cat  - 9 (((dot adj matrix) adj3 display) and anode and cat (redundan\$2 or rectif\$4)	US-PGPUB; EPO; JPO; DERWENT; IBM_TDB thode and electrode) and USPAT; 2002/09/19 18:5
	DERWENT; IBM_TDB thode and electrode) and USPAT; 2002/09/19 18:5
	thode and electrode) and USPAT; 2002/09/19 18:5
	thode and electrode) and USPAT; 2002/09/19 18:5
	, ,
(redundan\$2 or rectif\$4)	1
	US-PGPUB;
	EPO; JPO;
1 1	DERWENT;
- 12313 (matrix adj3 display) and electrode	IBM_TDB
(matrix adj3 display) and electrode	US-PGPUB;
	EPO; JPO;
	DERWENT;
	IBM_TDB
- 4659 ((matrix adj3 display) and electrode ) and (driver	
circuit\$2))	US-PGPUB;
	EPO; JPO;
	DERWENT;
	IBM_TDB
- 439 (((matrix adj3 display) and electrode) and (drive	
circuit\$2))) and (redundan\$2 or rectif\$4)	US-PGPUB;
	EPO; JPO;
	DERWENT;
- 38 ((((matrix adi3 display) and electrode) and (drive	IBM_TDB USPAT: 2002/00/10 18.5
- 38 (((((matrix adj3 display) and electrode) and (drive circuit\$2))) and (redundan\$2 or rectif\$4)) and (m	
circuits2))) and (redundants2 of rectits4)) and (ii	EPO; JPO;
	DERWENT;
	IBM TDB
- 67 (((dot adj matrix) adj3 display) and anode and ca	
(driver or (driving adj circuit\$2))	US-PGPUB;
(	EPO; JPO;
	DERWENT;
	IBM_TDB
- 67 ((((dot adj matrix) adj3 display) and anode and ca	
and (driver or (driving adj circuit\$2))) not ((((maximum)))	
electrode) and (driver or (driving adj circuit\$2))	
rectif\$4)) and (matrix adj2 panel))	DERWENT;
240 (light adi amit\$4 adi diada) and ((dat adi matrin)	IBM_TDB
- 349 (light adj emit\$4 adj diode) and ((dot adj matrix)	
	US-PGPUB; EPO; JPO;
	DERWENT;
	IBM_TDB
- 21 ((light adj emit\$4 adj diode) and ((dot adj matrix	
(current adj source)	US-PGPUB;
	EPO; JPO;
	DERWENT;
	IBM_TDB
- 96839 (light adj emit\$4 adj diode)	USPAT; 2002/09/22 09:1
	US-PGPUB;
	EPO; JPO;
	DERWENT;
10206 (light adi amit@4 adi diada) and direction	IBM_TDB
- 10206 (light adj emit\$4 adj diode) and matrix	USPAT; 2002/09/22 09:1
	US-PGPUB;
	EPO; JPO; DERWENT;
	IBM_TDB
- 581 ((light adj emit\$4 adj diode) and matrix) and (cur	
(1.5.1 and 1.5.1	US-PGPUB;
	EPO; JPO;
	DERWENT;
	IBM_TDB

•	448	(((light adj emit\$4 adj diode) and matrix) and (current adj source)) and switch	USPAT; US-PGPUB; EPO; JPO;	2002/09/22 10:07
			DERWENT;	
-	269	((((light adj emit\$4 adj diode) and matrix) and (current adj source)) and switch) and (row or horizontal) and (column or vertical)	IBM_TDB USPAT; US-PGPUB; EPO; JPO;	2002/09/22 09:17
			DERWENT; IBM TDB	
-	1	(((((light adj emit\$4 adj diode) and matrix) and (current adj source)) and switch) and (row or horizontal) and (column or vertical)) and ((redundant or extra or additional) adj2 (column or vertical))	USPAT; US-PGPUB; EPO; JPO; DERWENT;	2002/09/22 09:21
			IBM TDB	
-	375	((345/55,76,82,84.ccls.) or (368/83.ccls.)) and (light adj emit\$4 adj diode)	USPAT; US-PGPUB	2002/09/22 09:42
-	67	((((345/55,76,82,84.ccls.)) or (368/83.ccls.)) and (light adj emit\$4 adj diode) ) and (current adj source)	USPAT; US-PGPUB	2002/09/22 09:42
-	39	(((((345/55,76,82,84.ccls.) or (368/83.ccls.)) and (light adj emit\$4 adj diode) ) and (current adj source)) not (((((light adj emit\$4 adj diode) and	USPAT; US-PGPUB	2002/09/22 09:43
		matrix) and (current adj source)) and switch) and (row or horizontal) and		
-	39	(column or vertical)) (((((345/55,76,82,84.ccls.) or (368/83.ccls.)) and (light adj emit\$4 adj diode) and (current adj source)) not (((((light adj emit\$4 adj diode) and	USPAT; US-PGPUB	2002/09/22 10:04
		matrix) and (current adj source)) and switch) and (row or horizontal) and (column or vertical))) not (((light adj emit\$4 adj diode) and ((dot adj		
		matrix) adj3 display)) and (current adj source))	HODAT	2002/02/12 00 04
-	0	masashi near norgawa	USPAT; US-PGPUB; EPO; JPO;	2003/03/12 09:06
-	13647	(texas adj instruments).asn.	DERWENT; IBM_TDB USPAT; US-PGPUB;	2002/09/22 10:09
-	431	((texas adj instruments).asn.) and (light adj emit\$4 adj diode)	EPO; JPO; DERWENT; IBM_TDB USPAT; US-PGPUB;	2003/03/12 09:08
_	50	(((texas adj instruments).asn.) and (light adj emit\$4 adj diode)) and	EPO; JPO; DERWENT; IBM_TDB USPAT;	2002/09/22 10:10
		(current adj source)	US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	
-	50	((((texas adj instruments).asn.) and (light adj emit\$4 adj diode)) and (current adj source)) not ((((345/55,76,82,84.ccls.) or (368/83.ccls.)) and (light adj emit\$4 adj diode)) and (current adj source))	USPAT; US-PGPUB; EPO; JPO; DERWENT;	2002/09/22 10:10
-	31	((((345/55,76,82,84.ccls.)) or (368/83.ccls.)) and (light adj emit\$4 adj diode)) and (dot adj matrix)	IBM_TDB USPAT; US-PGPUB	2003/03/11 17:06
-	1280	(light adj emit\$4 adj diode) and (dot adj matrix)	USPAT; US-PGPUB; EPO; JPO;	2003/03/11 17:07
			DERWENT;	
-	117	((light adj emit\$4 adj diode) and (dot adj matrix) ) and (voltage adj2 (source or suppy))	IBM_TDB USPAT; US-PGPUB; EPO; JPO;	2003/03/11 17:08
			DERWENT; IBM_TDB	

	68	(((light adj emit\$4 adj diode) and (dot adj matrix)) and (voltage adj2	USPAT;	2003/03/11 17:09
		(source or suppy))) and discharg\$3	US-PGPUB;	
			EPO; JPO;	
			DERWENT;	
			IBM TDB	
-	62	((((light adj emit\$4 adj diode) and (dot adj matrix)) and (voltage adj2	USPAT;	2003/03/11 17:15
		(source or suppy))) and discharg\$3) not ((((345/55,76,82,84.ccis.) or	US-PGPUB;	
		(368/83.ccls.)) and (light adj emit\$4 adj diode)) and (dot adj matrix))	EPO; JPO;	
			DERWENT;	
			IBM TDB	
-	55	(((light adj emit\$4 adj diode) and (dot adj matrix) ) and (voltage adj2	USPAT;	2003/03/12 07:11
		(source or suppy))) not (((((light adj emit\$4 adj diode) and (dot adj	US-PGPUB;	-
		matrix)) and (voltage adj2 (source or suppy))) and discharg\$3) not	EPO; JPO;	
		(((((345/55,76,82,84.ccls.) or (368/83.ccls.)) and (light adj emit\$4 adj	DERWENT;	
		diode)) and (dot adj matrix) ))	IBM TDB	